

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Blumenfeld et al. )  
 )  
 Appl. No. : Unknown )  
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 Filed : Herewith )  
 )  
 For : POLYMORPHIC MARKERS OF )  
 PROSTATE CARCINOMA ANTIGEN-1 (PCTA-1) )  
 )  
 Group Art Unit : Unknown )

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SEQUENCE SUBMISSION

Assistant Commissioner for Patents  
 Washington, D.C. 20231

Dear Sir:

A copy of the Sequence Listing in computer readable form as required by 37 C.F.R.  
 § 1.821(e) is submitted herewith.

As required by 37 C.F.R. § 1.821(f), the data on the enclosed disk is identical to the  
 Sequence Listing in the application filed herewith.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: June 4, 1999

By: Daniel Hart  
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